

LABDex



Benchtop pH/ORP Meter LX101BPO

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Description

Benchtop pH/ORP meter LX101BPO is a microprocessor-based meter that measures hydrogen-ion activity in water-based solutions. Automatic or manual temperature compensation provides high-accuracy results. Provision for 1-3 point automated push button calibration. Meter factory reset function to reset factory default settings and data logs for convenient operation.

Specifications

pH range	0 ~ 14 pH
pH resolution	0.01 pH
Electrode	Glass 3-in-1 pH/ATC (LX1005)
Calibration point	1-3 points
Electrode temperature range	5 °C ~ 60 °C
pH accuracy	± 0.01 pH
ORP range/RmV	± 1999 mV/RmV
ORP resolution	1 mV
ORP accuracy	± 2 mV
Temperature range	0 ~ 99.9 °C
Temperature resolution	0.1 °C
Temperature accuracy	± 0.5 °C
Ambient temperature	5 °C ~ 45 °C
Input connector type	BNC

Input connector diameter	3.5 mm
Output	USB
Power	100 V ~ 240 V DC 9 V 500 mA
pH buffer set	USA, NIST, DIN, Manual
Memory	500 sets

Features

- ✓ Electrode slope display for easy judgment of electrode performance
- ✓ Automatic calibration of RmV function
- ✓ Auto-sleep function
- ✓ Segmented display for pH, mV and temperature
- ✓ Electrode slope display for user interpretation
- ✓ Self-diagnostic trouble shoot
- ✓ Low battery indicator
- ✓ USB communication interface via data transfer (output)
- ✓ Stability and average function for optimized results

Applications

- ✓ Used for basic laboratory analysis, soil and water quality test, oxidation-reduction potential (ORP) measurement, blood chemistry, etc.

Standard Accessories

- ✓ Swim arm electrode stand

Electrode Specifications



Electrode	Glass 3-in-1 pH (LX1005)
Electrode pH range	0 ~ 14 pH
Electrode temperature range	5 °C ~ 60 °C
Electrode dimensions	12 mm x 165 mm
Electrode liquid junction	Ceramic
Electrode reference junction	Single / Sealed
Electrode internal type	Ag/AgCl



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